APPROVED O.G. FIG.
BY
DRAFT

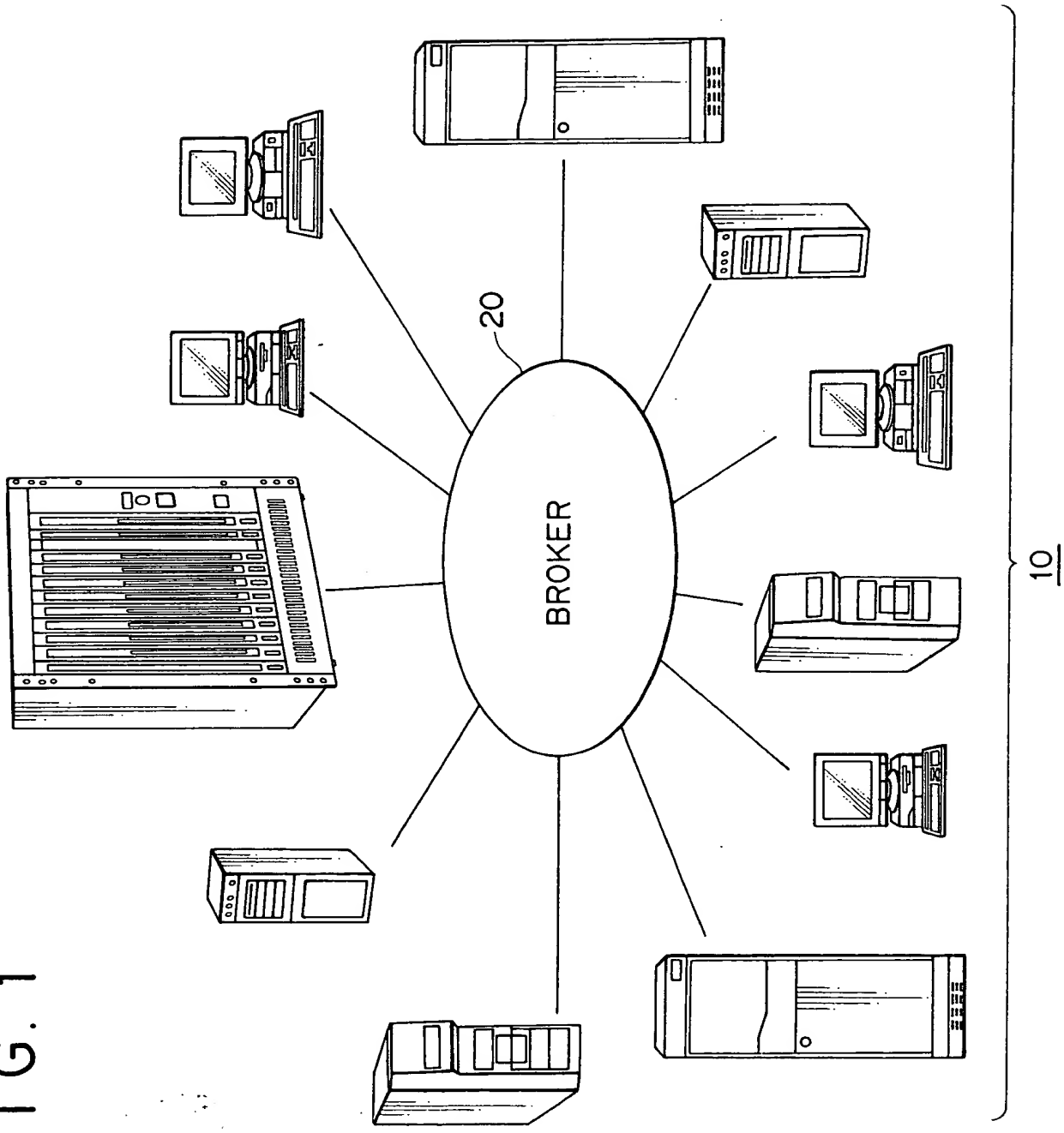


FIG. 1

FIG. 2

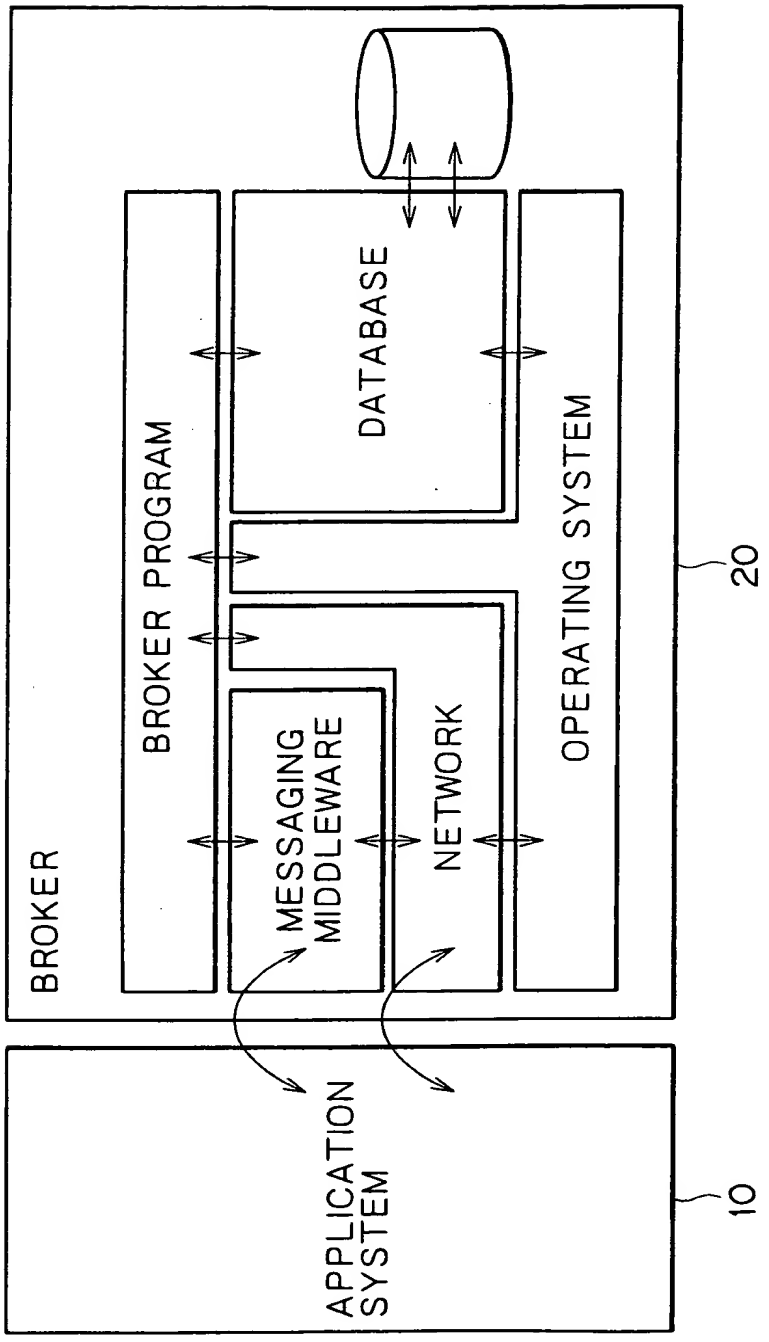
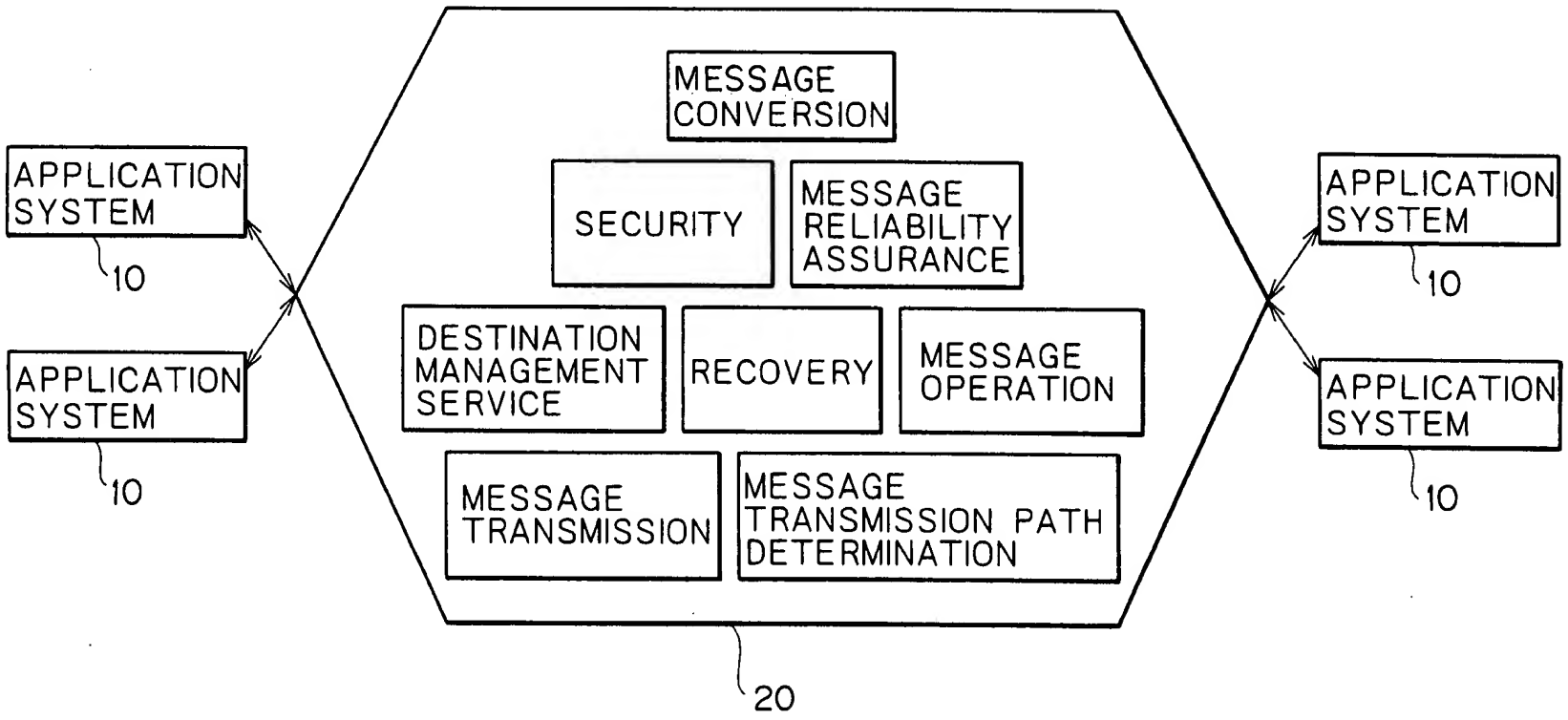

BROKER
BROKER PROGRAM
DATABASE
OPERATING SYSTEM
MESSAGING MIDDLEWARE
NETWORK
20
APPLICATION SYSTEM
10

FIG. 3


APPLICATION SYSTEM
10
APPLICATION SYSTEM
10
MESSAGE CONVERSION
SECURITY
MESSAGE RELIABILITY ASSURANCE
DESTINATION MANAGEMENT SERVICE
RECOVERY
MESSAGE OPERATION
MESSAGE TRANSMISSION
MESSAGE TRANSMISSION PATH DETERMINATION
20
APPLICATION SYSTEM
10
APPLICATION SYSTEM
10

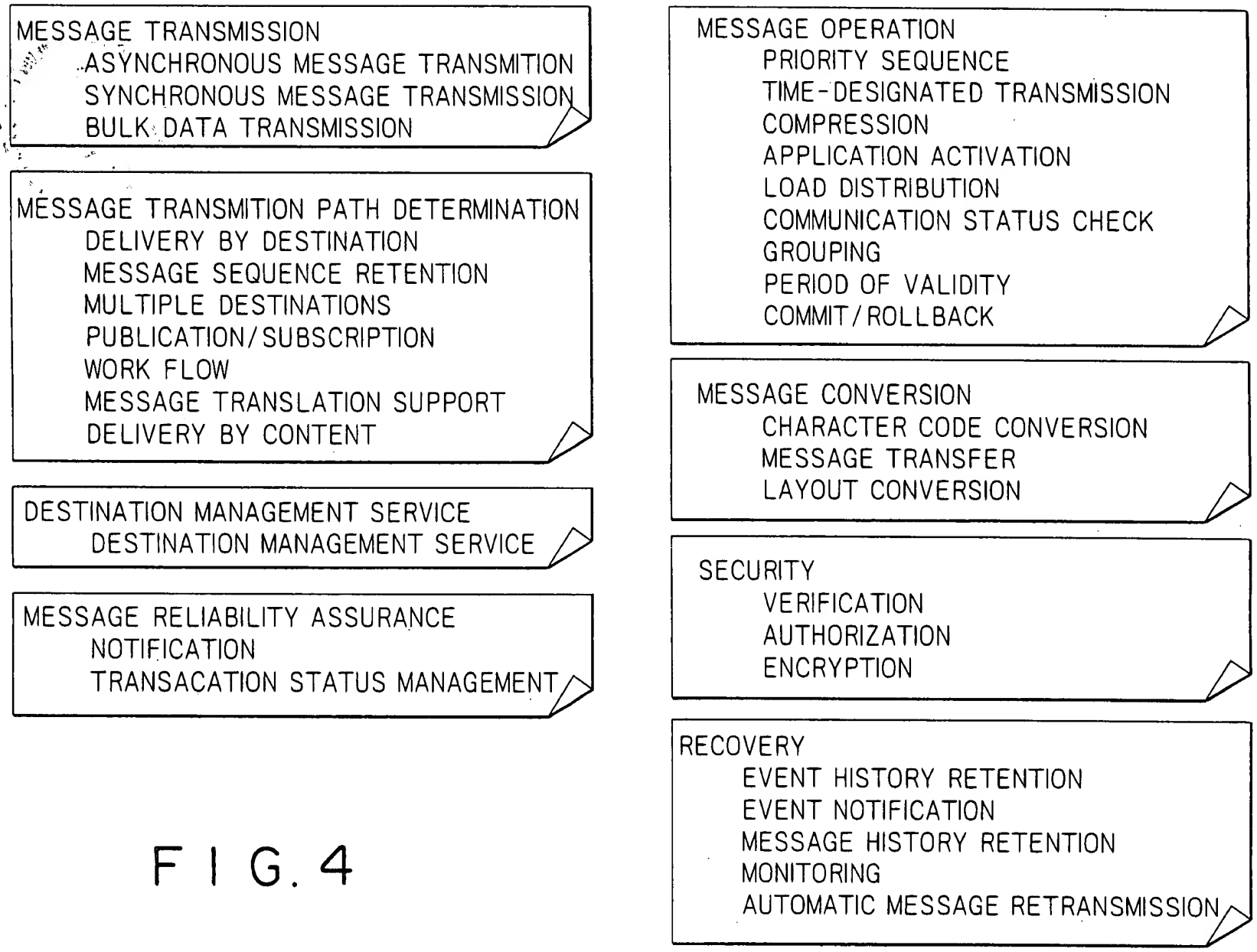

MESSAGE TRANSMISSION
ASYNCHRONOUS MESSAGE TRANSMITION
SYNCHRONOUS MESSAGE TRANSMISSION
BULK DATA TRANSMISSION
MESSAGE TRANSMITION PATH DETERMINATION
DELIVERY BY DESTINATION
MESSAGE SEQUENCE RETENTION
MULTIPLE DESTINATIONS
PUBLICATION/SUBSCRIPTION
WORK FLOW
MESSAGE TRANSLATION SUPPORT
DELIVERY BY CONTENT
DESTINATION MANAGEMENT SERVICE
DESTINATION MANAGEMENT SERVICE
MESSAGE RELIABILITY ASSURANCE
NOTIFICATION
TRANSACATION STATUS MANAGEMENT
MESSAGE OPERATION
PRIORITY SEQUENCE
TIME-DESIGNATED TRANSMISSION
COMPRESSION
APPLICATION ACTIVATION
LOAD DISTRIBUTION
COMMUNICATION STATUS CHECK
GROUPING
PERIOD OF VALIDITY
COMMIT/ROLLBACK
MESSAGE CONVERSION
CHARACTER CODE CONVERSION
MESSAGE TRANSFER
LAYOUT CONVERSION
SECURITY
VERIFICATION
AUTHORIZATION
ENCRYPTION
RECOVERY
EVENT HISTORY RETENTION
EVENT NOTIFICATION
MESSAGE HISTORY RETENTION
MONITORING
AUTOMATIC MESSAGE RETRANSMISSION

FIG. 4

FIG. 5

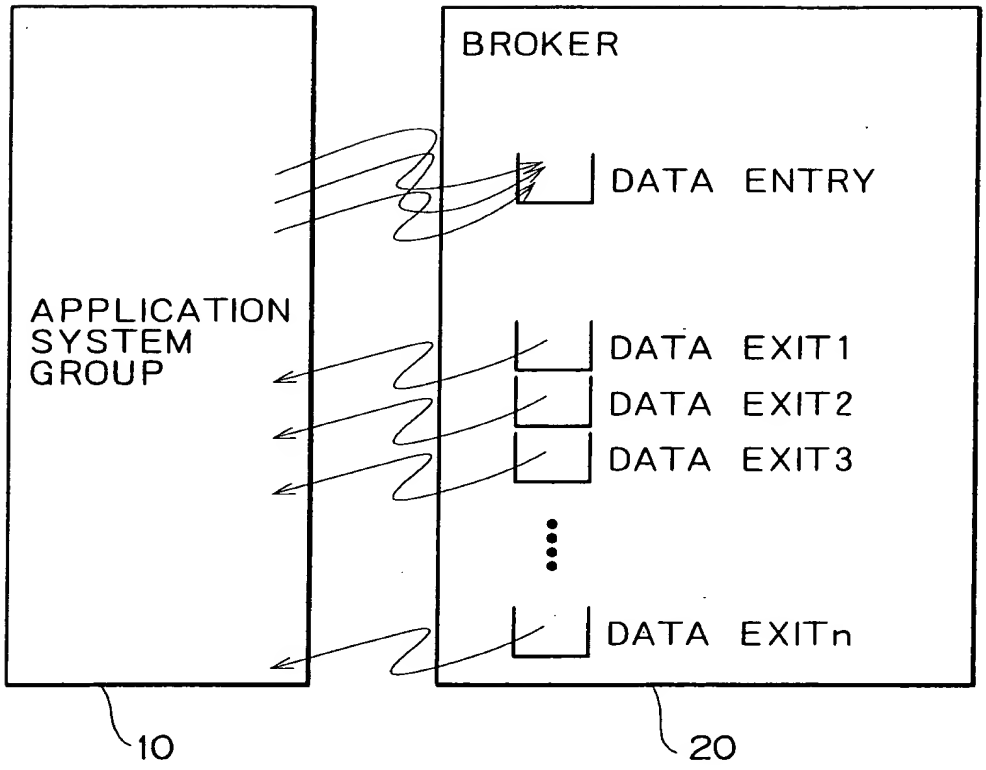

BROKER
DATA ENTRY
APPLICATION SYSTEM GROUP
DATA EXIT1
DATA EXIT2
DATA EXIT3
DATA EXITn
10
20

FIG. 6

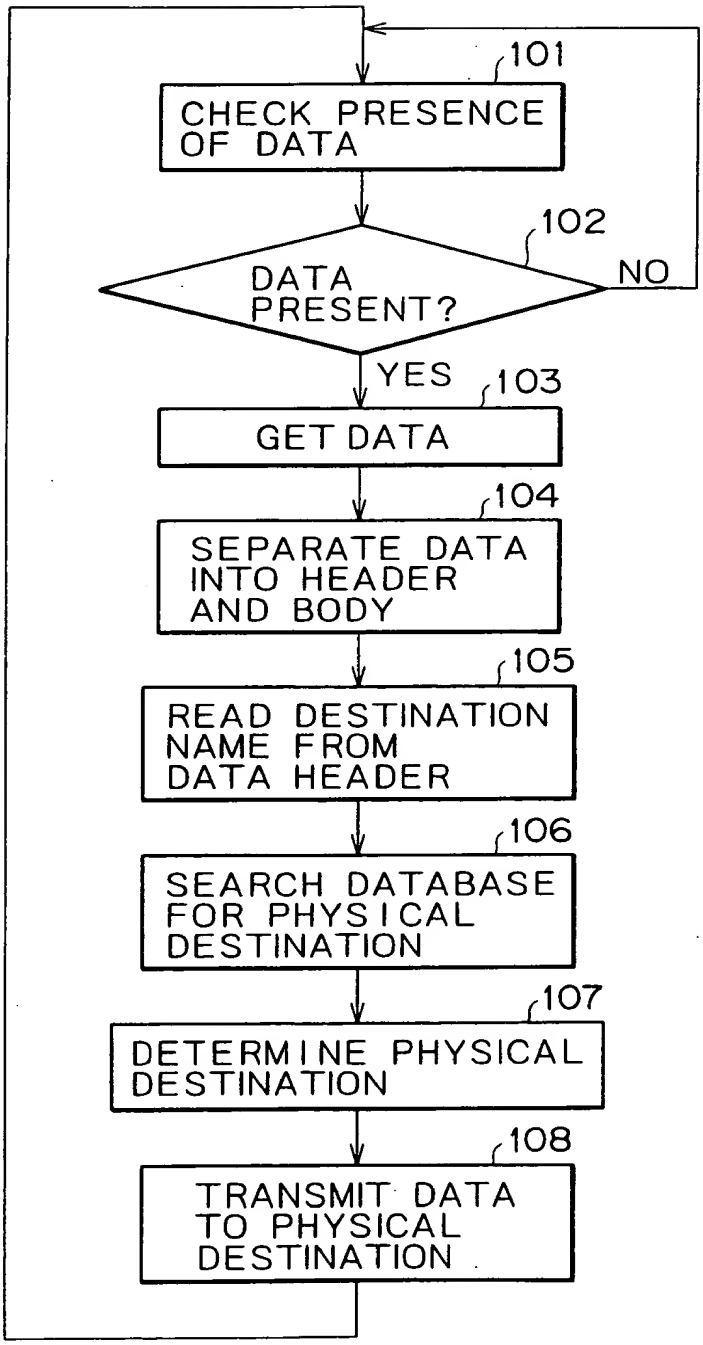
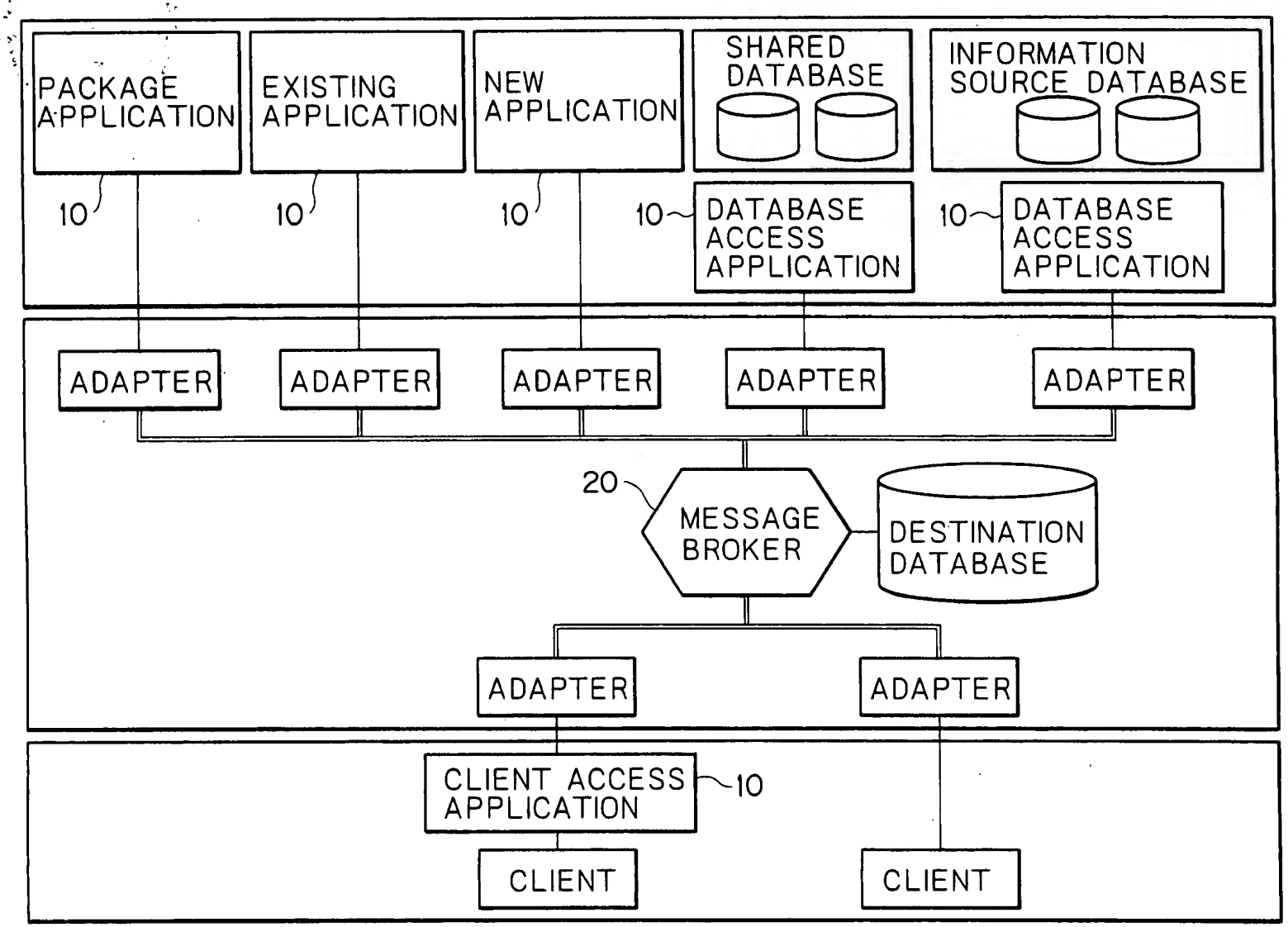

101
CHECK PRESENCE OF DATA
102
DATA PRESENT?
NO
YES
103
GET DATA
104
SEPARATE DATA INTO HEADER AND BODY
105
READ DESTINATION NAME FROM DATA HEADER
106
SEARCH DATABASE FOR PHYSICAL DESTINATION
107
DETERMINE PHYSICAL DESTINATION
108
TRANSMIT DATA TO PHYSICAL DESTINATION

FIG. 7


PACKAGE APPLICATION
EXISTING APPLICATION
NEW APPLICATION
SHARED DATABASE
INFORMATION SOURCE DATABASE
10
10
10
10
DATABASE ACCESS APPLICATION
10
DATABASE ACCESS APPLICATION
ADAPTER
ADAPTER
ADAPTER
ADAPTER
ADAPTER
20
MESSAGE BROKER
DESTINATION DATABASE
ADAPTER
ADAPTER
CLIENT ACCESS APPLICATION
10
CLIENT
CLIENT

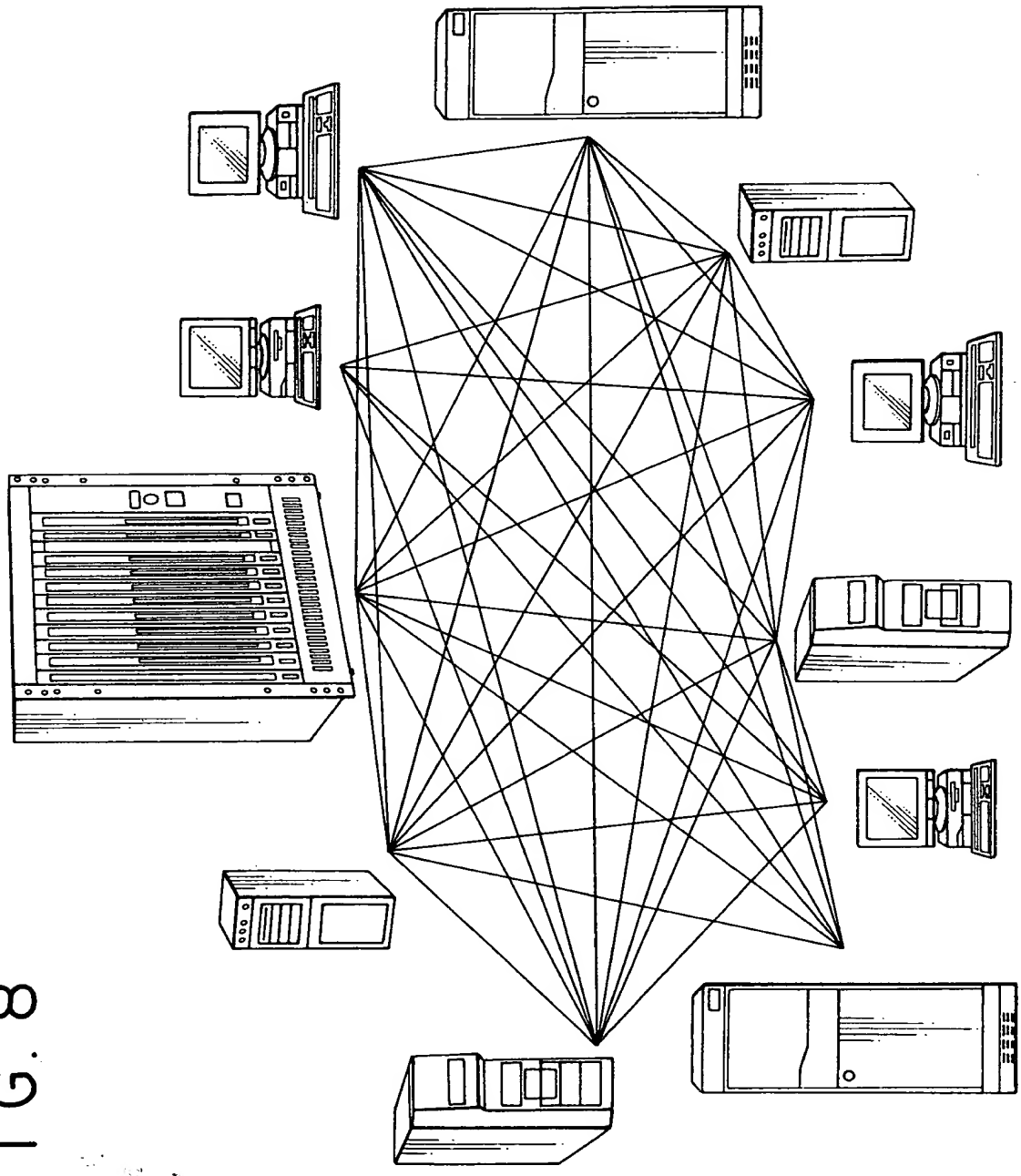


FIG. 8